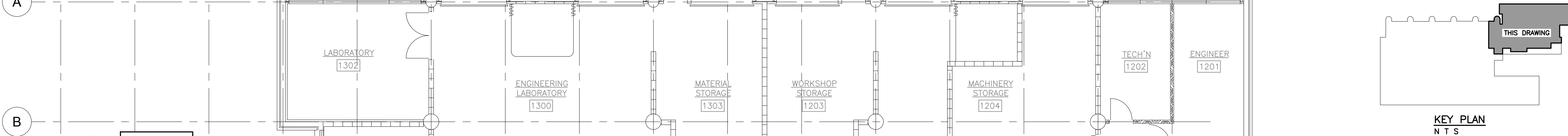
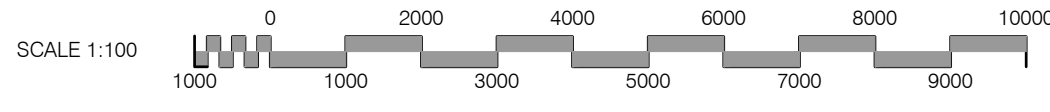


DRAWING NOTES APPLY WHERE INDICATED:  
1. MOUNTING HEIGHT TO BE COORDINATED ON SITE.



HVAC SYMBOLS AND ABBREVIATIONS			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	ELBOW DROPPING		CHECK VALVE
	ELBOW RISING		BACKFLOW PREVENTOR
	ISOLATION VALVE		STRAINER
	CONTROL VALVES		REDUCERS
	SAFETY RELIEF VALVE		PUMP
	ELECTRONIC PRESSURE INDEPENDENT CONTROL VALVE		PRESSURE INDEPENDENT CONSTANT FLOW VALVE (AUTO-FLOW VALVE)
	COMBINATION BALANCE AND METERING VALVE (CIRCUIT SETTER)		FLEXIBLE CONNECTION
	MANUAL AIR VENT		AUTOMATIC AIR VENT
	UNION OR FLANGE FITTING		PRESSURE GAUGE
	THERMOMETER		AIR OR WATER FLOW IN L/S
	FLOW SWITCH		PRESSURE SWITCH
	WATER TEMPERATURE SENSOR		PRESSURE TEMPERATURE PLUG
	VISUAL FLOW INDICATOR		AIR SEPARATOR
	ELECTRIC THERMOSTAT/TEMPERATURE SENSOR		REVERSE ACTING THERMOSTAT
	FIRE DAMPER		BALANCING DAMPER
	MOTORIZED DAMPER		BACKDRAFT DAMPER
	SUPPLY DUCT UP OR FROM ABOVE		SQUARE ELBOW DUCT WITH TURNING VANES
	RETURN DUCT UP OR FROM ABOVE		ROUND SUPPLY DIFFUSER
	RETURN DUCT DOWN OR FROM BELOW		DUCTED RETURN OR EXHAUST REGISTER OR GRILLE
	RETURN DUCT DOWN OR FROM BELOW		SQUARE OR RECTANGULAR DIFFUSER
	OUTSIDE AIR DUCT UP OR FROM ABOVE		NON DUCTED RETURN OR EXHAUST GRILLE
	OUTSIDE AIR DUCT DOWN OR FROM BELOW		NON DUCTED ROUND RETURN OR EXHAUST GRILLE
	RELIEF/EXHAUST DUCT UP OR FROM ABOVE		DUCT MOUNTED SUPPLY OR RETURN GRILLE
	RELIEF/EXHAUST DUCT DOWN OR FROM BELOW		LINEAR SUPPLY OR RETURN GRILLE
	ROUND DUCT UP OR FROM ABOVE		UNIT HEATER
	ROUND DUCT DOWN OR FROM BELOW		WALL Fm ELEMENT IN CONTINUOUS ENCLOSURE
	ACOUSTIC LINED DUCT		DOOR GRILLE
	FLEXIBLE CONNECTION		FLEXIBLE DUCTWORK
	DIFFUSER GRILLE OR REGISTER TYPE		HEATING ELEMENT TAG
	HEATING WATER SUPPLY		HEAT PUMP WATER SUPPLY
	HEATING WATER RETURN		HEAT PUMP WATER RETURN
	CHILLED WATER SUPPLY		GROUND SOURCE SUPPLY
	CHILLED WATER RETURN		GROUND SOURCE RETURN
	CONDENSER WATER SUPPLY		REFRIGERATION SUCTION
	CONDENSER WATER RETURN		REFRIGERATION LIQUID
	HEAT TRACE		FIRE EXTINGUISHER AND TYPE

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS



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ARCHITECTS

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Revision	Description/Description	Date/Date
5	ISSUED FOR TENDER	19/04/26
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Client/client  
**Agriculture & Agri-Food Canada**

Project title/Titre du projet  
**4200 BC-97  
Summerland, BC V0H 1Z0**  
**Elevator Replacement at  
Summerland Research and  
Development Centre**

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Designed by/Concept par  
KM

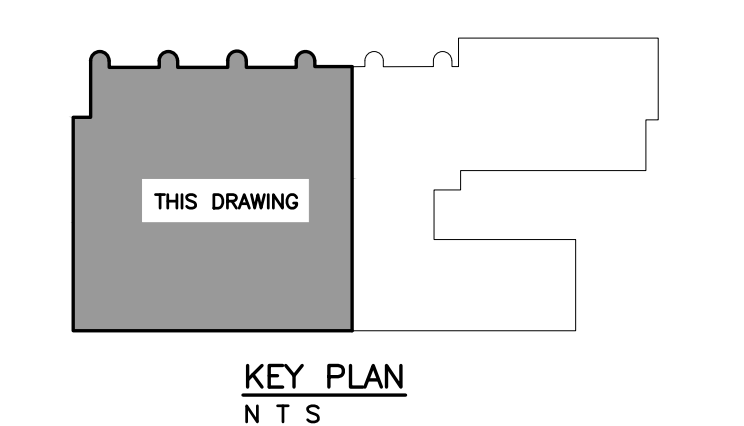
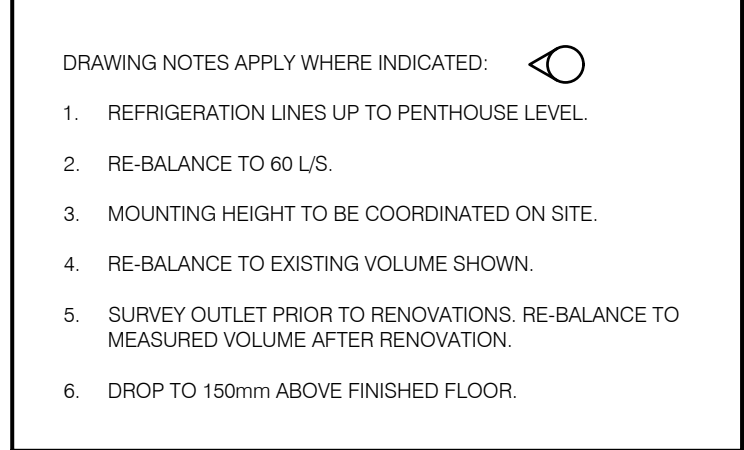
E.O.R.  
AC


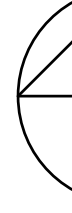

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JB/WA

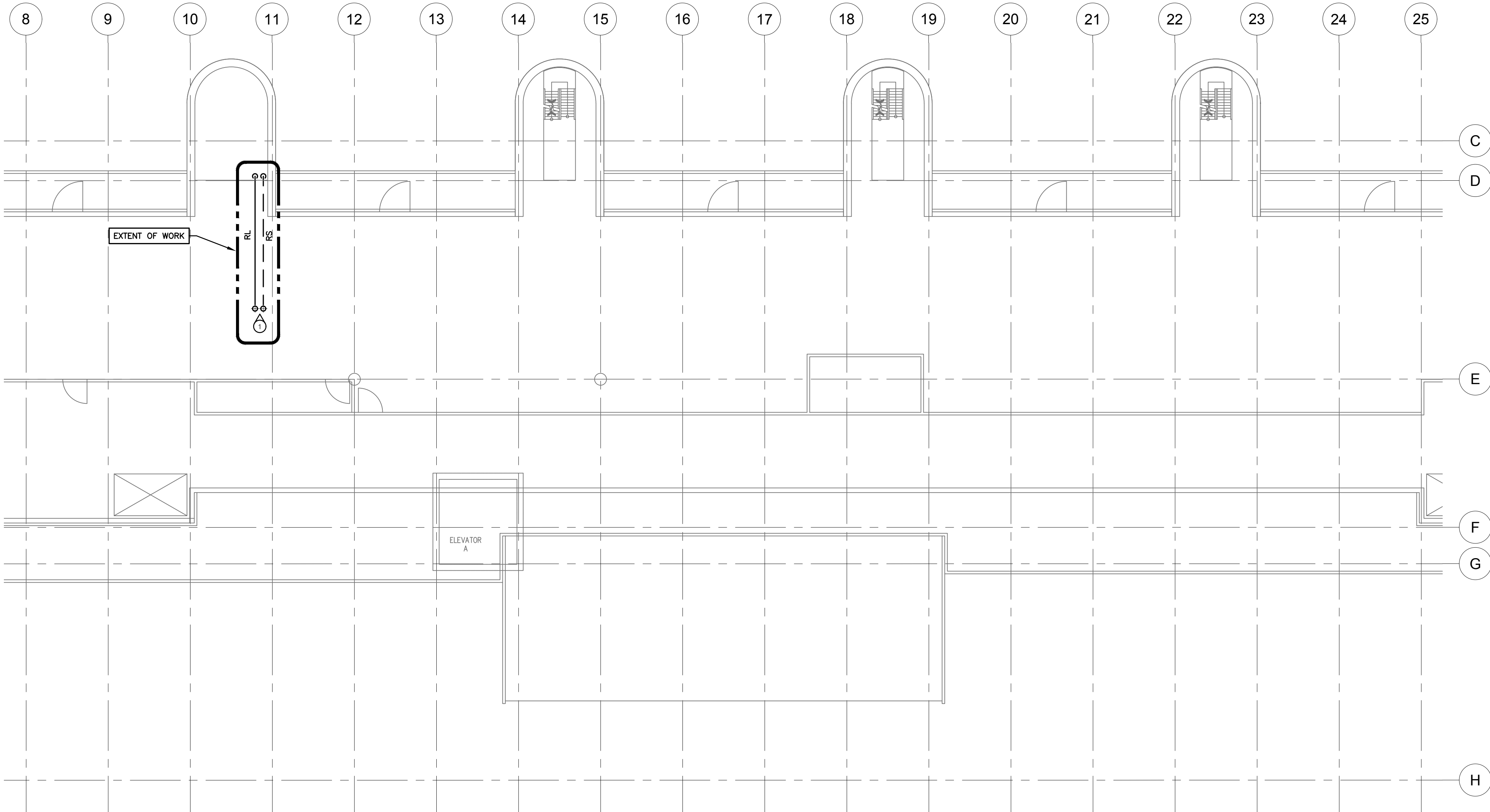
PWGSC Project Manager/Administrateur de Projets TP/SGC  
Phillip Fung  
Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TP/SGC  
Peetipai Paul

Drawing title/Titre du dessin  
**1 FLOOR PLAN EAST - HVAC**

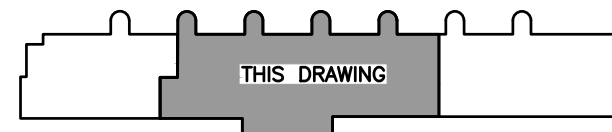
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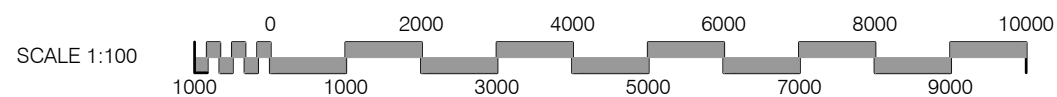
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<div>Agriculture &amp; Agri-Food Canada</div>		
Project title/Titre du projet		
<div>4200 BC-97 Summerland, BC V0H 1Z0</div>		
<div>Elevator Replacement at Summerland Research and Development Centre</div>		
Consultant Signature Only		
Designed by/Concept par KM	E.O.R. AC	
Drawn by/Dessiné par JB/WA		
PWSC Project Manager/Administrateur de Projets TPSGC Phillip Fung		
Regional Manager, Architectural and Engineering Services Gestionnaire régionale, Services d'architecture et de génie, TPSGC Peetipal Paul		
Drawing title/Titre du dessin		
<div>2 FLOOR PLAN WEST - HVAC</div>		
Project No./No. du projet	Sheet/Fauille	Revision no./ La Révision no.
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DRAWING NOTES APPLY WHERE INDICATED:  
1. REFRIGERATION LINES UP TO ROOF LEVEL.



KEY PLAN  
N T S






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Client/client

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4200 BC-97  
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Elevator Replacement at  
Summerland Research and  
Development Centre

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KM

E.O.R.  
AC

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JB/WA

PWGSC Project Manager/Administrateur de Projets TPSSGC  
Phillip Fung

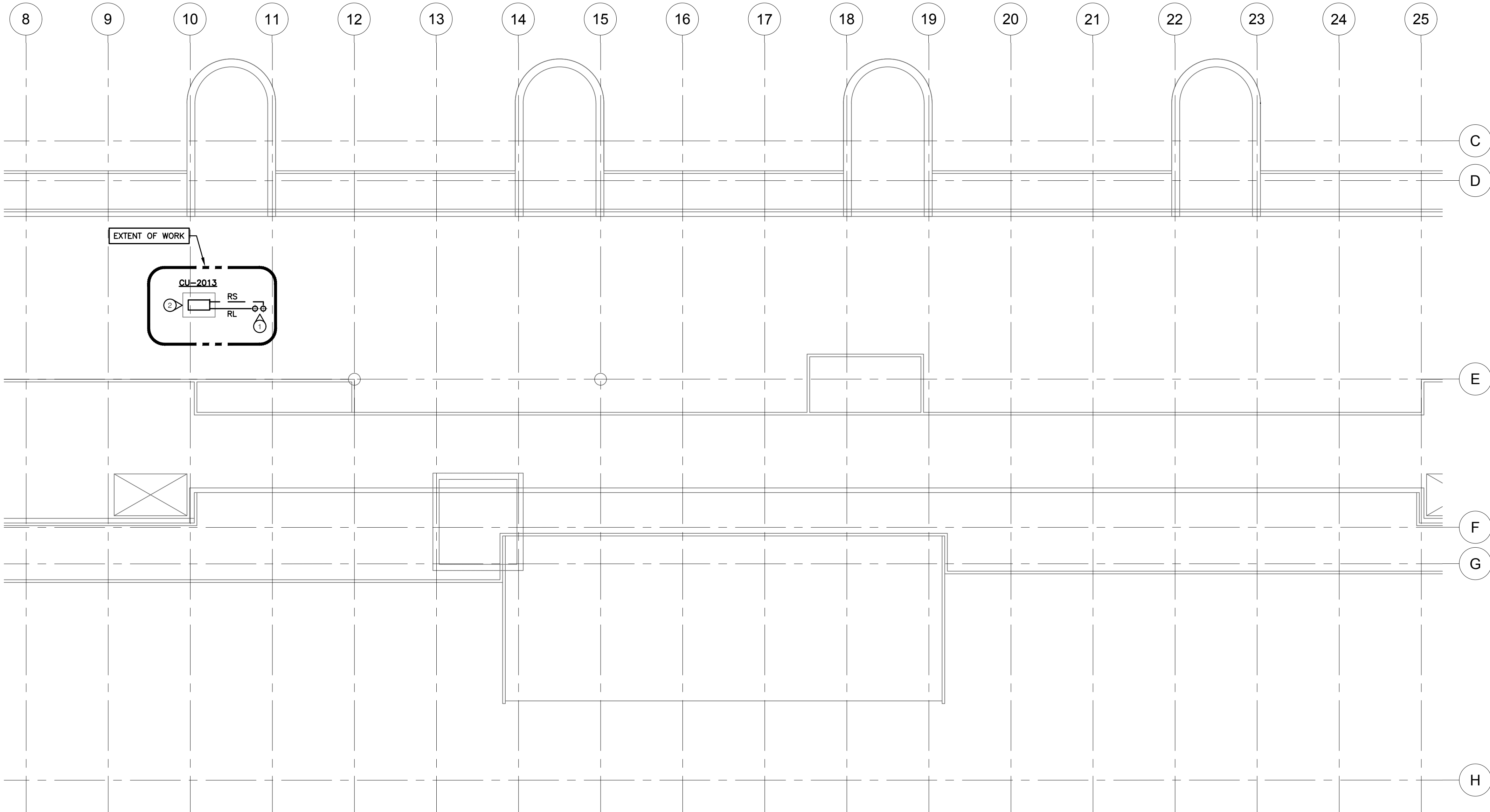
Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architecture et de génie, TPSSGC  
Peetipai Paul

Drawing title/Titre du dessin

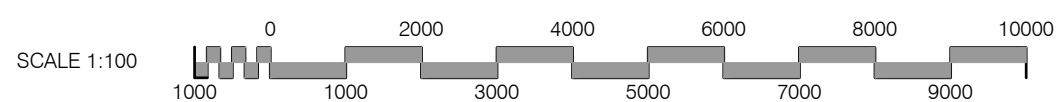
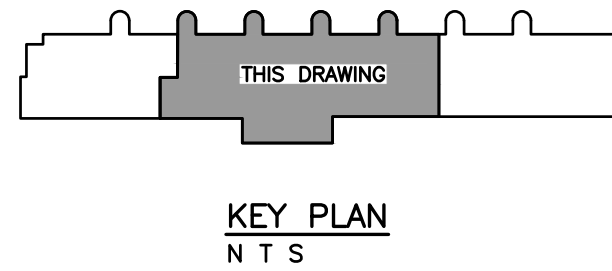
PENTHOUSE PLAN - HVAC


Project No./No. du projet R99799.001	Sheet/Feuille M1.2	Revision no./ La Révision no. 0
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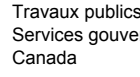


- DRAWING NOTES APPLY WHERE INDICATED:
- REFRIGERATION LINES DOWN TO PENTHOUSE LEVEL.
  - 100mm (4") HIGH HOUSEKEEPING PAD.






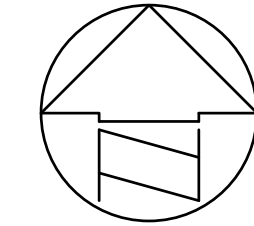
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Designed by/Concept par  
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E.O.R.  
AC

Drawn by/Dessine par  
JB/WA

PWGSC Project Manager/Administrateur de Projets TPSGC

Phillip Fung

Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
Peetipal Paul

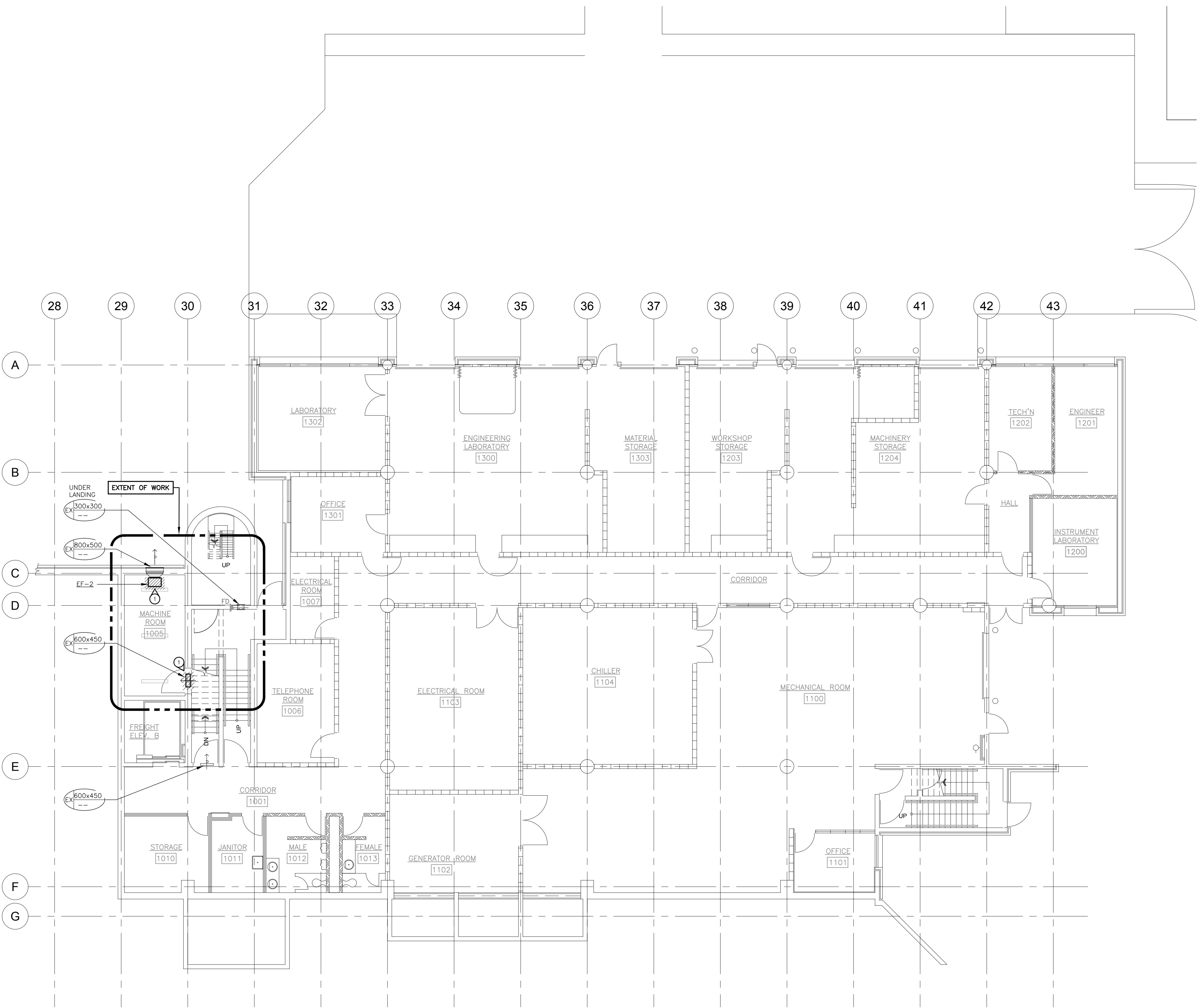
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ROOF PLAN - MECHANICAL

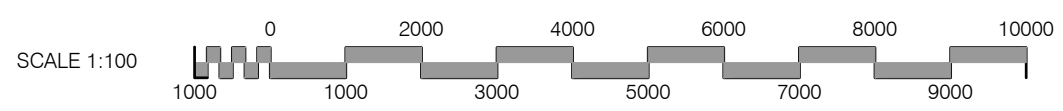
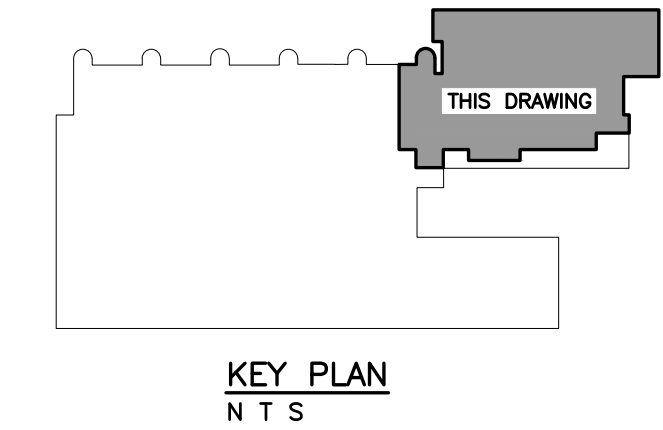
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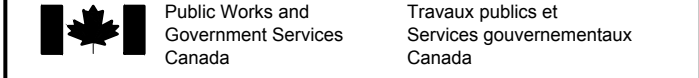
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La Révision  
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DRAWING NOTES APPLY WHERE INDICATED:  
1. EXISTING TO BE REMOVED.






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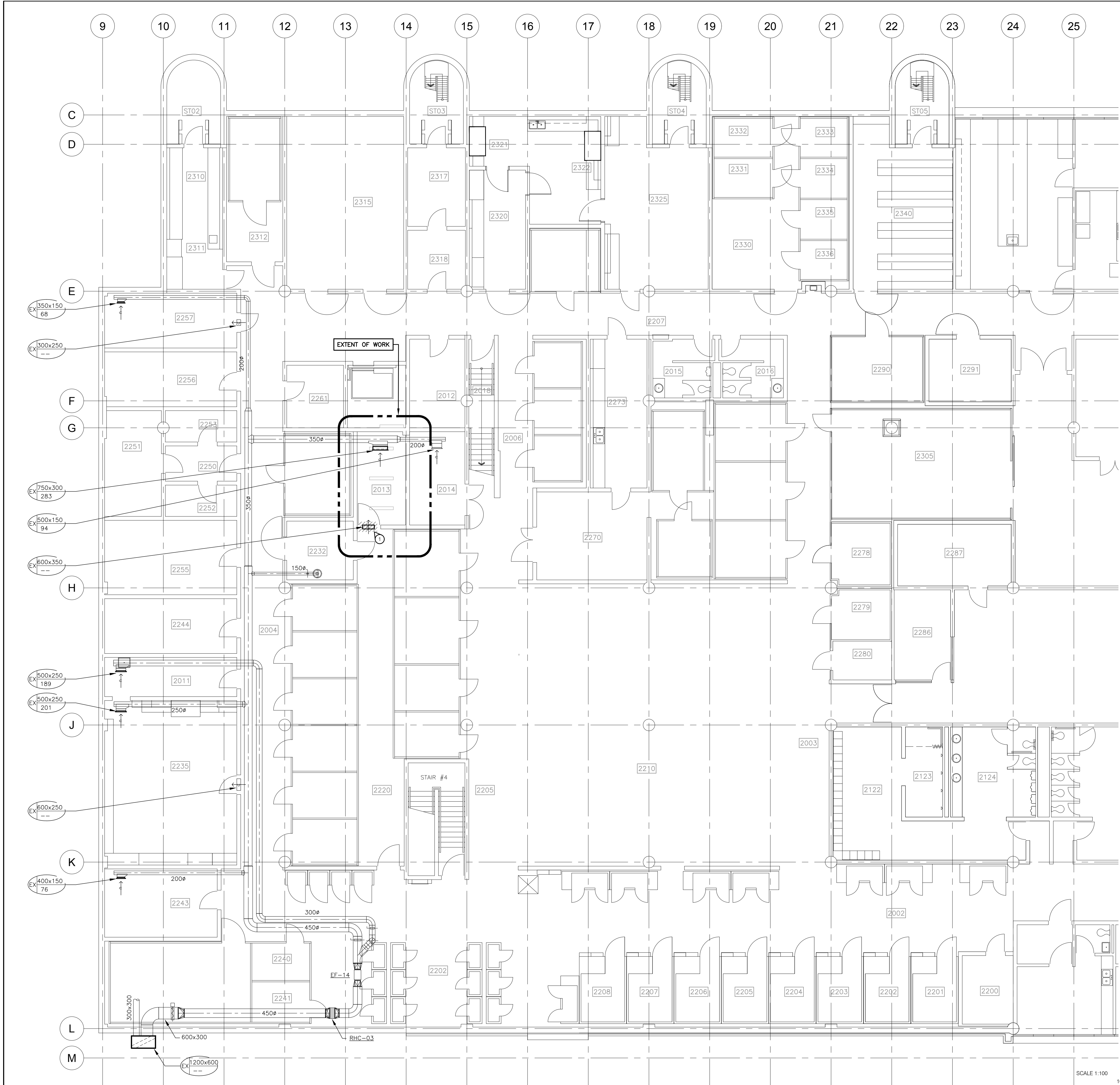
PWGSC Project Manager/Administrateur de Projets TPSGC  
Phillip Fung

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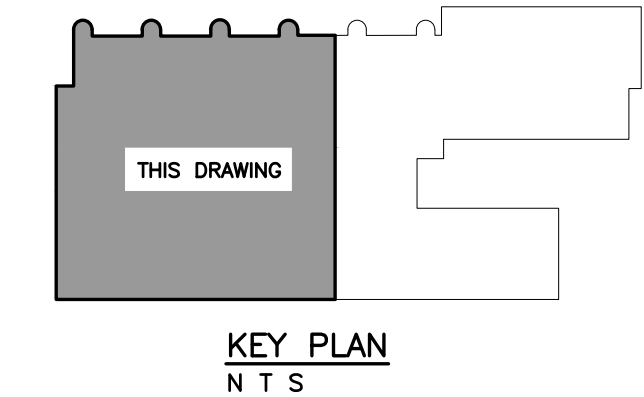
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1 FLOOR PLAN EAST - HVAC  
DEMOLITION

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R99799.001	M2.0	0



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Phillip Fung

Regional Manager, Architectural and Engineering Services  
Gestionnaire régionale, Services d'architectural et de génie, TPSGC  
Poetipal Paul

Drawing title/Titre du dessin

2 FLOOR PLAN WEST - HVAC  
DEMOLITION

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